ABSTRACT OF THE DISCLOSURE

The present invention discloses a method and an arrangement for scanning microscopic specimens (15) with a scanning device. The microscopic specimen (15) is displaceable on a specimen stage (35) in at least two spatial directions. A light beam (3) scans the specimen (15) within a defined scan field (52) by way of a scanning module (7), and the light (17) proceeding from the specimen is detected. A PC (34) is also provided for analysis and calculation. The scan field (52) is defined in such a way that it incompletely encompasses a specimen region that is to be examined. Means (23, 31) are provided which displace the specimen stage (35) in such a way that the entire specimen region of interest can be covered by the plurality of resulting scan fields (52_1, 52_2, ... 52_n). The data of the individual scan fields (52_1, 52_2, ... 52_n) detected from the specimen region being examined are assembled in the PC (34) into an overall image.

FIG. 1